



Solutions for the Future

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TRANSMITTAL

TO: Tennessee Division of Water Resources

ATTN: Enforcement and Compliance Section

Division of Water Pollution Control

PROJECT: Airgas Mid-America Inc.

William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor

PROJECT NO: 1351700E

Nashville, TN 37243

DATE: February 4, 2014

COPIES	ITEM	DESCRIPTION
1	1 and 2	2013 Annual Storm Water Reports
		Airgas Mid-America Inc.
		Gas Blending Facility and Acetylene Plant
		TMSP No. TNR050883

APPROVAL ☐ INFORMATION ☐ RECORD ☐ REQUEST ☐ REVIEW ☐ COMMENT ☐ USE ☐

REMARKS:

TN DEPT OF ENVIRONMENT
AND CONSERVATION
FEB 07 2014
DIV OF WATER RESOURCES
RECEIVED

Copy To:

File
Billy Hoke – Airgas Mid-America Inc.

By:

Shon Pritchard
Project Geologist

VIA: CERTIFIED ☒ US MAIL ☐ OVERNIGHT ☐ PICK UP ☐ UPS ☐ FAX ☐ HAND DELIVER ☐ OTHER ☐

CIVIL • SURVEY • INFRASTRUCTURE • TRANSPORTATION • ENVIRONMENTAL • PLANNING



Department of Environment and Conservation - Division of Water Resources
ANNUAL STORM WATER MONITORING REPORT
for Storm Water Discharges Associated with Industrial Activity under the
TENNESSEE MULTI-SECTOR GENERAL PERMIT (TMSP)

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FEB 03 2014

Facility Name:	Airgas Mid-America, Inc. Acetylene Plant	TMSP Number:	TNR050883
Contact Person:	Mr. Jim Lord	Phone Number:	304-353-6164
This report is submitted for the following calendar year (e.g. 2007):	2013	Outfall Number:	005
List all TMSP sectors which apply to discharge from this outfall:	AD	Sample Date:	10/17/13
LOW CONCENTRATION WAIVER (See Instructions Note 3): List all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived. Parameters:			

DIRECTIONS: In the spaces below, provide the results of storm water monitoring for the designated outfall. The parameters for which monitoring must be conducted depend on which industry sector(s) of the TMSP applies to the discharge. Look up your sector(s) in the permit and analyze for the parameters that apply. If parameter is not listed below, submit additional sheets. All samples should be collected by grab technique.

Parameter	Benchmark (mg/L)	Annual Sample Result (mg/L)	Parameter (continued)	Benchmark (mg/L)	Annual Sample Result (mg/L)
Aluminum, Total	0.75		Magnesium, Total	0.064	
Ammonia	4.0	<0.10	Mercury, Total	0.0024	
Arsenic, Total	0.15		Nickel, Total	0.453	
BOD, 5-Day	30	<5.0	Nitrate + Nitrite Nitrogen	0.68	
Cadmium, Total	0.0021		Oil and Grease	15	<5.3
Chromium, Total	1.8		pH	5.0-9.0	9.1
COD	120	38	Phenols	0.016	
Copper, Total	0.014		Phosphorus, Total (as P)	2.0	
Cyanide, Total	0.022		Selenium, Total	0.005	
Fluoride	1.8		Silver, Total	0.0038	
Iron, Total	5.0		Total Suspended Solids (TSS)	150	14
Lead, Total	0.091		Zinc, Total	0.161	

CERTIFICATION AND SIGNATURE Make all entries in ink. This report must be signed by a responsible corporate officer for a corporation, a general partner for a partnership, the proprietor for a sole proprietorship, or a principal executive officer or ranking elected official for a public agency.

I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

<u>JAMES E. LORD</u>	<u>VP OPERATIONS</u>	<u>[Signature]</u>	<u>1/28/14</u>
Printed Name	Official Title	Signature	Date

INSTRUCTIONS

- The purpose of this form is to report storm water (SW) monitoring results under the TMSP. **Only one sample per calendar year is required** (except Sectors J & H, for more details see the TMSP at <http://www.tn.gov/environment/permits/stwmh2o.shtml>). Grab samples should be collected within the first 30 minutes (or as soon thereafter as practical, but not to exceed one hour) of when the runoff or snowmelt begins discharging. A separate form must be submitted for each outfall. If more than one sample is collected at any outfall, submit the average results of all monitoring data (for calculating average, use 1/2 of a detection level, if parameter was not detected). New facilities must conduct sampling in the year during which permit coverage was obtained and during each following year. The completed form must be submitted by March 31 of the following year, e.g. monitoring required during 2007 calendar year is due by March 31, 2008.
- If the results of annual SW runoff monitoring demonstrates that the facility has exceeded the benchmark concentration, the permittee must inform The Division of Water Pollution Control's (the Division's) local Environmental Field Office (EFO) in writing within 30 days from the time SW monitoring results were received, describing the likely cause of the exceedance(s). Furthermore, within 60 days from the time SW monitoring results were received, the facility must review its storm water pollution prevention plan (SWPPP), make any modifications or additions to the plan which would assist in reducing runoff concentrations to less than the benchmark concentrations for that parameter, and submit to the local EFO a summary of the proposed SWPPP modifications (including a timetable for implementation).
- Low Concentration Waiver - When the average concentration for a pollutant calculated from monitoring data collected from the first four calendar years of monitoring is less than the benchmark concentration, a facility may waive monitoring requirements in the last annual monitoring period. This form should be used for certification of low concentration waiver provision.

Complete, sign and date this form before it is submitted. Keep a copy of the completed form for your records.
Submit the original completed and signed form to:

Enforcement and Compliance Section
Division of Water Resources
6th Floor, L&C Annex, 401 Church Street
Nashville, TN 37243

ENTERED MAR 18, 2014
BY: [Signature]

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DIV OF WATER RESOURCES
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Department of Environment and Conservation - Division of Water Resources
ANNUAL STORM WATER MONITORING REPORT
for Storm Water Discharges Associated with Industrial Activity under the
TENNESSEE MULTI-SECTOR GENERAL PERMIT (TMSP)

Facility Name:	Airgas Mid-America, Inc. Acetylene Plant	TMSP Number:	TNR050883
Contact Person:	Mr. Jim Lord	Phone Number:	304-353-6164
This report is submitted for the following calendar year (e.g. 2007):	2013	Outfall Number:	005
List all TMSP sectors which apply to discharge from this outfall:	C	Sample Date:	No Discharge
LOW CONCENTRATION WAIVER (See Instructions Note 3): List all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived. Parameters:			

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<u>JAMES E. LORD</u>	<u>VP OPERATIONS</u>	<u>[Signature]</u>	<u>1/28/14</u>
Printed Name	Official Title	Signature	Date

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